

STM32CubeIDE Installation

This guide provides a step-by-step walkthrough for installing STM32CubeIDE software, an essential tool for STM32 microcontroller development. Follow these instructions to seamlessly set up the software on your system.

Step 1: Download and Extract

- Download the STM32CubeIDE software archive from the official source.
- After downloading, extract the contents of the archive to a suitable location.

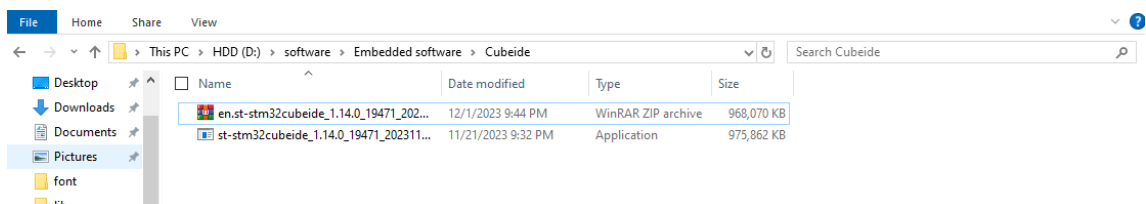


Figure 1. STM32CubeIDE software downloaded Zip File

Step 2: Installation

- Upon extraction, you'll find the STM32CubeIDE software. This is the software you need to install. (Figure 2)

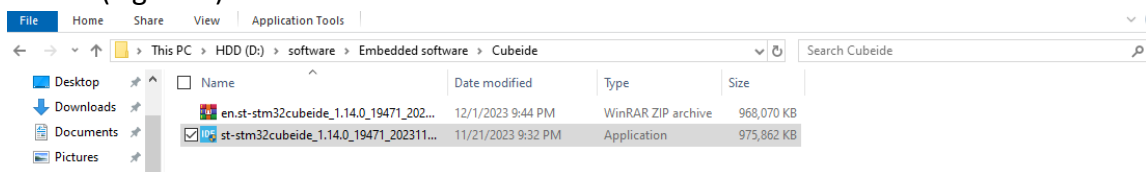


Figure 2. STM32CubeIDE software

- Launch the software installation by running the executable.
- The STMicroelectronics STM32CubeIDE Wizard will appear. Welcome to the STMicroelectronics STM32CubeIDE Wizard, shown in Figure 3.
- Click **"Next"** to proceed.

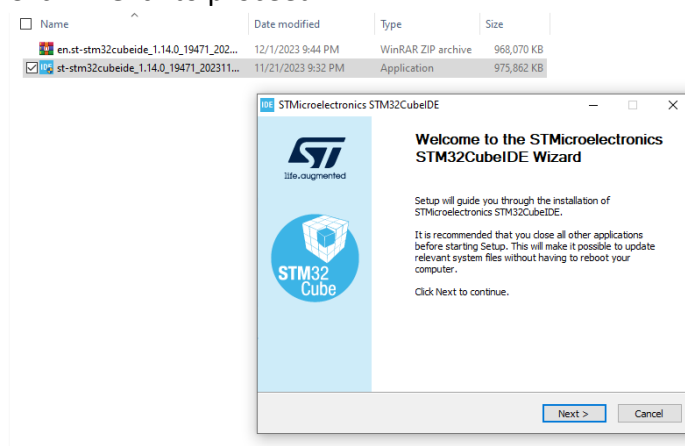


Figure 3. STM32CubeIDE Setup

Step 3: License Agreement

- Read the License Agreement carefully.
- If you agree with the terms, select **“I Agree.”**

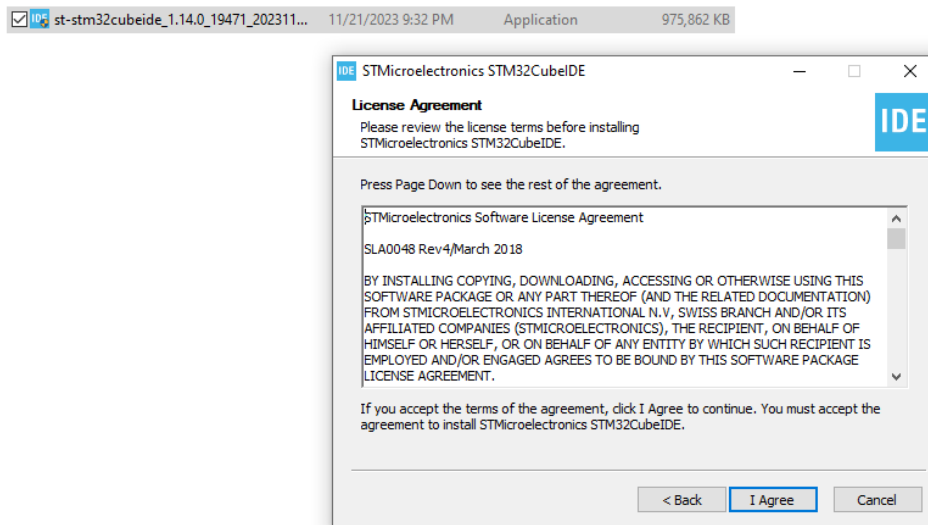


Figure 4. License Agreement

Step 4: Choose Install Location

- Choose the destination location for the installation. By default, it might suggest the C drive.
- Click **“Next”** to continue.

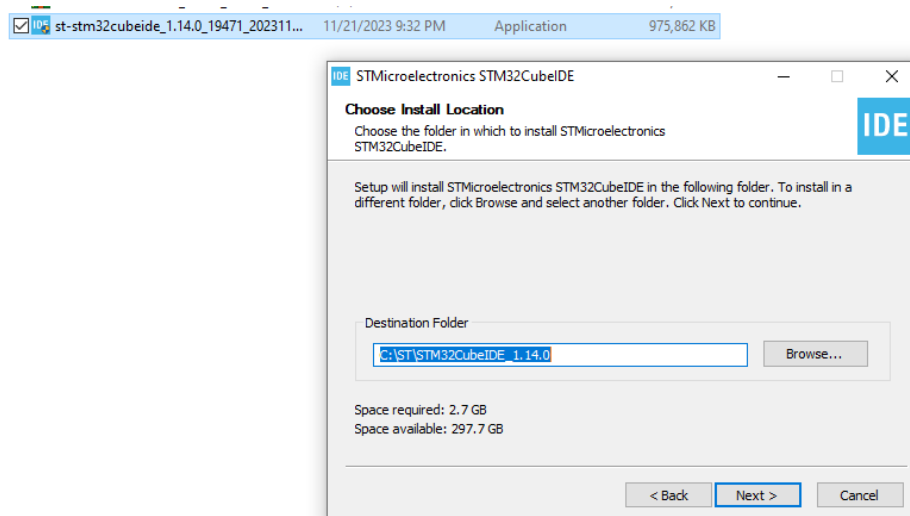


Figure 5. Install location

Step 5: Component Selection

- The installation will include the necessary drivers and components shown in Figure 6. It's recommended not to uncheck any options.
- Click **"Install"** to proceed.

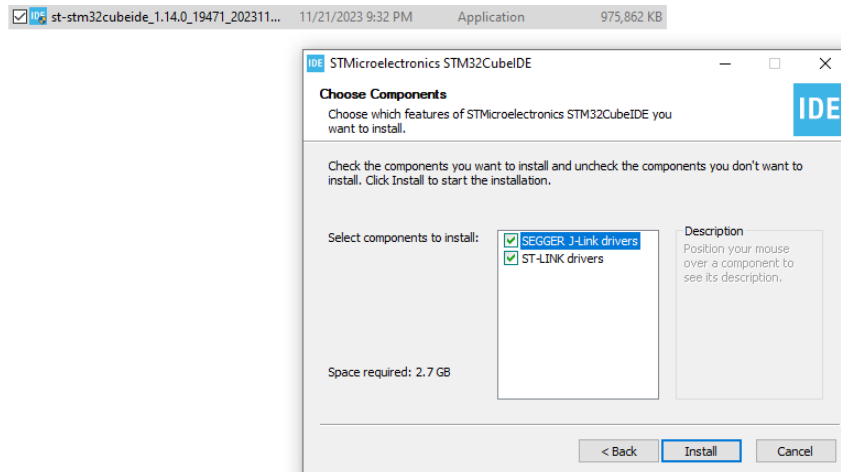


Figure 6. Choose Components

Step 6: Installation Progress

- The installation process will commence, installing the selected components.
- Once the installation completes, click **"Next."**

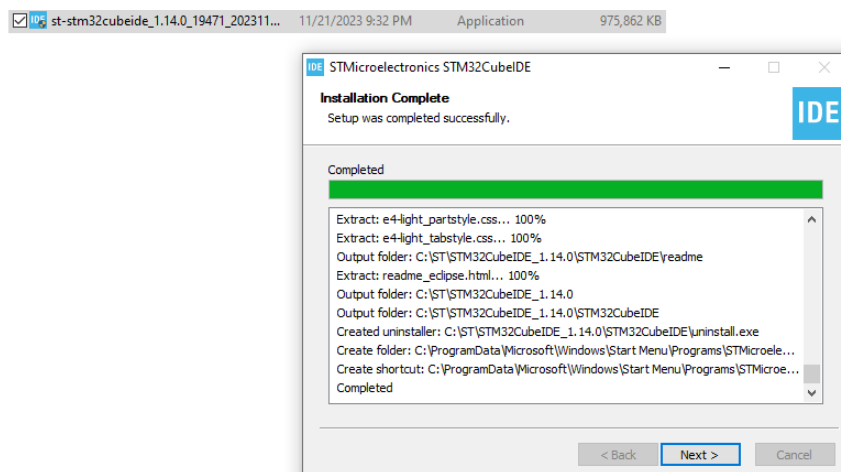


Figure 7. Complete the Installation

Step 7: Finish Installation

- Click **“Finish”** to complete the STM32CubeIDE installation (Figure 8).

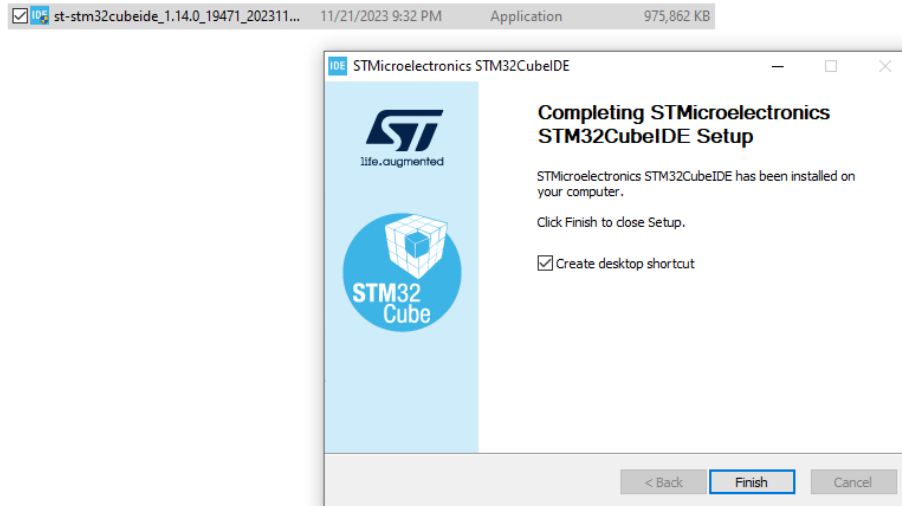


Figure 8. Complete the STM32CubeIDE Setup

Congratulations! You have successfully installed STM32CubeIDE on your system. This powerful tool will greatly assist you in developing applications for STM32 microcontrollers. Feel free to explore its features and start creating your projects.